

Title (en)
Optical recording and reproducing apparatus

Title (de)
Optisches Aufzeichnen- und Wiedergabegerät

Title (fr)
Dispositif d'enregistrement et de lecture optique

Publication
EP 0598611 B1 19980603 (EN)

Application
EP 93309187 A 19931118

Priority
JP 30854892 A 19921118

Abstract (en)
[origin: EP0598611A2] An optical recording and reproducing apparatus provided with a plurality of sets of optical heads each for recording data, which is obtained by dividing a sequence of video and audio data correspondingly of optical heads of each set, on an optical disk and reproducing such data therefrom at a high transfer rate. These sets of optical heads operate independent of each other. Thus, special recording and reproducing operations such as a simultaneous recording and reproducing and a continuous recording and reproducing can be performed by a single optical recording and reproducing apparatus using an optical disk. <IMAGE>

IPC 1-7
G11B 7/14; G11B 7/20

IPC 8 full level
G11B 7/20 (2006.01); **G11B 7/08** (2006.01); **G11B 7/14** (2006.01); **G11B 19/02** (2006.01); **G11B 27/034** (2006.01); **H04N 5/85** (2006.01)

CPC (source: EP KR US)
G11B 7/00 (2013.01 - KR); **G11B 7/08** (2013.01 - EP US); **G11B 7/14** (2013.01 - EP US); **G11B 19/02** (2013.01 - EP US);
G11B 27/034 (2013.01 - EP US); **H04N 5/85** (2013.01 - EP US); **G11B 2220/20** (2013.01 - EP US)

Cited by
DE29608651U1; US6137763A; SG87789A1; SG87758A1; EP0703574A3; US5657309A; US5907526A; US6111831A; US6028827A;
US6314071B1; WO9901867A1; WO9837554A3

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0598611 A2 19940525; EP 0598611 A3 19940831; EP 0598611 B1 19980603; DE 69318942 D1 19980709; DE 69318942 T2 19981015;
JP H06162557 A 19940610; KR 100203372 B1 19990615; KR 940012265 A 19940623; US 5448539 A 19950905

DOCDB simple family (application)
EP 93309187 A 19931118; DE 69318942 T 19931118; JP 30854892 A 19921118; KR 930023770 A 19931110; US 15351593 A 19931117